Specification Amendment

Please amend the paragraph that begins on page 7, line 24, as follows:

Returning to the description of Figure 1, the data and timing recovery module 26 receives the DC offset encoded signal 40 via the DC offset estimator 32 and the summing module 34. The DC offset estimator 32 determines the DC offset 42 of the DC offset encoded signal 40. A detailed discussion of the DC offset estimator 32 may be found in ~~co-pending~~ an issued patent ~~application~~ entitled DIGITAL DEMODULATION AND APPLICATIONS THEREOF, having a patent number of 6,907,089 ~~a docket number of BP-1992~~. The summing module 34 subtracts the DC offset 42 from the DC offset encoded signal yielding the encoded signal 44.